

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086930.D
 Acq On : 10 Jun 2025 15:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:56:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

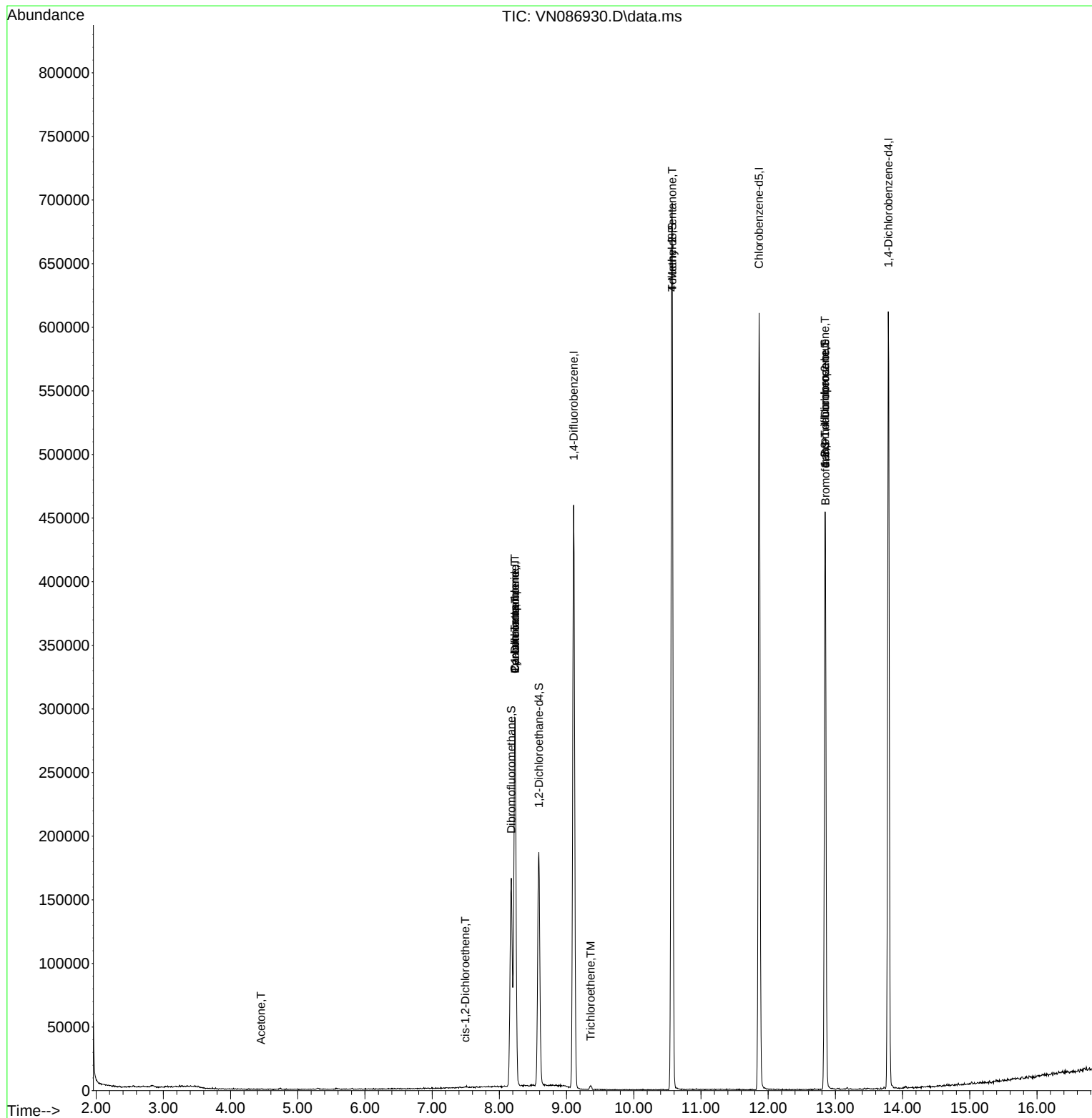
Internal Standards						
1) Pentafluorobenzene	8.236	168	229123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	150740	49.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.177	113	124956	49.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	10.571	98	516247	51.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.847	95	182383	49.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.020%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	960	0.590	ug/l #	40
27) cis-1,2-Dichloroethene	7.494	96	1601	0.472	ug/l	27
31) Cyclohexane	8.236	56	4170	0.838	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	17685	4.691	ug/l #	48
38) Carbon Tetrachloride	8.230	117	22602	6.107	ug/l #	17
44) Trichloroethene	9.359	130	1346	0.460	ug/l	86
51) 4-Methyl-2-Pentanone	10.571	43	1922	0.414	ug/l #	1
71) Bromoform	12.853	173	857	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86249	20.499	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86249	47.187	ug/l #	16

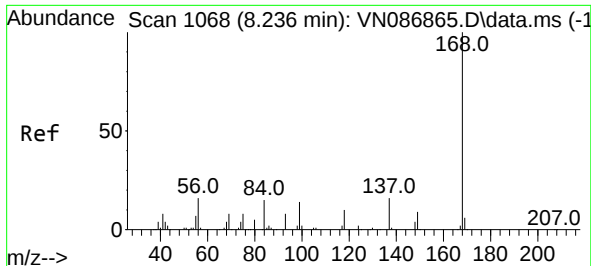
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086930.D
Acq On : 10 Jun 2025 15:43
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 11 01:56:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

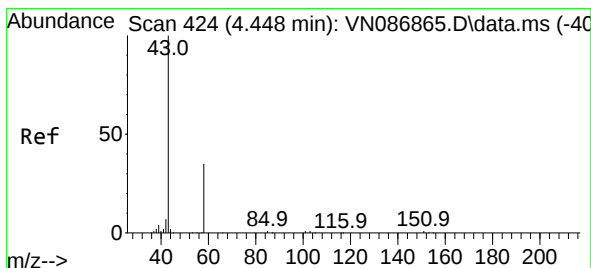
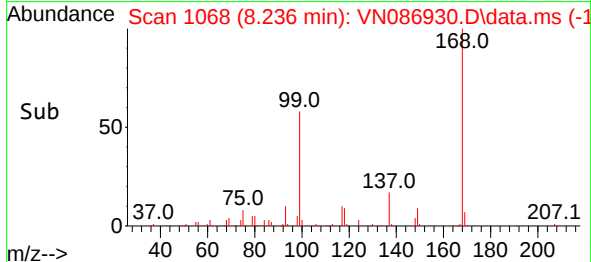
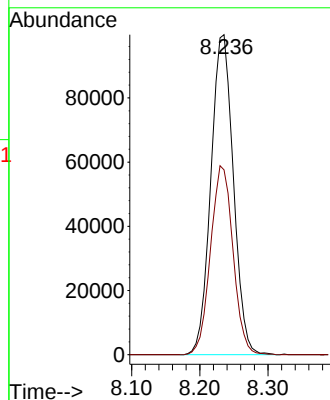
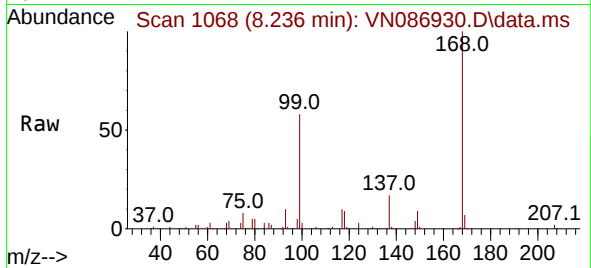




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

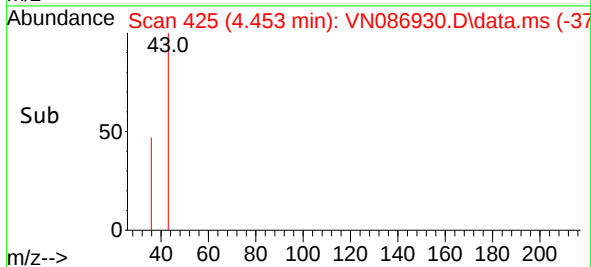
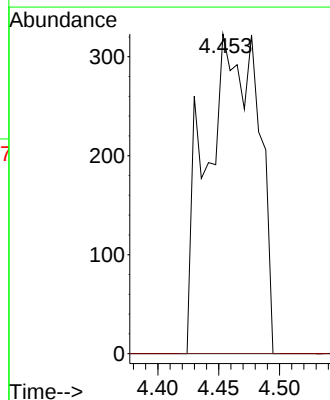
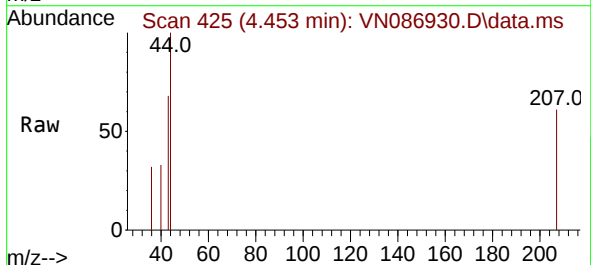
Instrument :
MSVOA_N
ClientSampleId :
IBLK

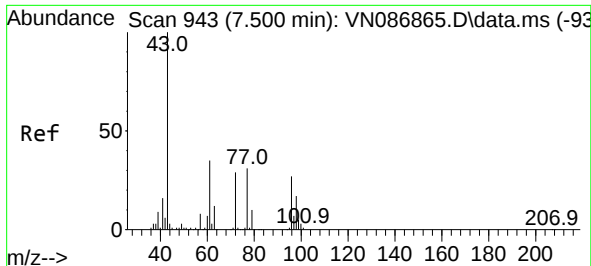
Tgt Ion:168 Resp: 229123
Ion Ratio Lower Upper
168 100
99 57.7 49.1 73.7



#16
Acetone
Concen: 0.590 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

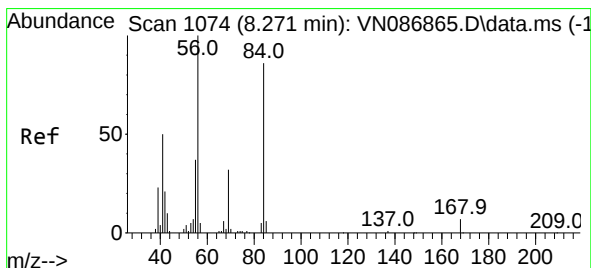
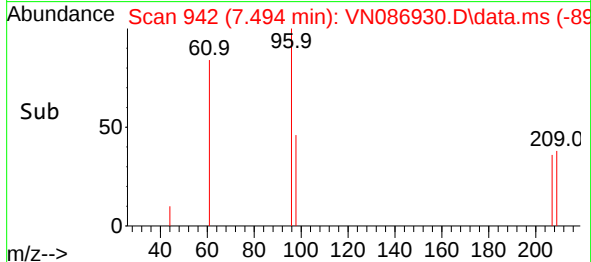
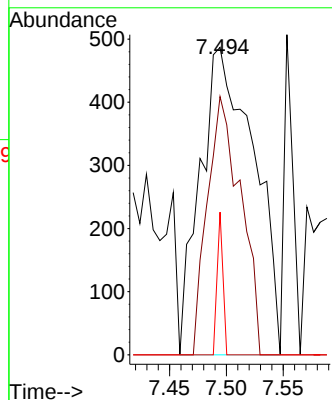
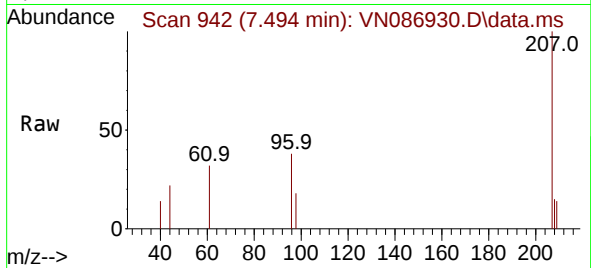




#27
 cis-1,2-Dichloroethene
 Concen: 0.472 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN086930.D
 Acq: 10 Jun 2025 15:43

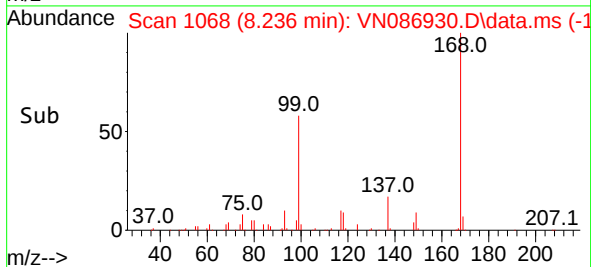
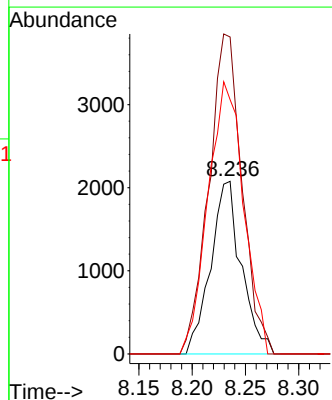
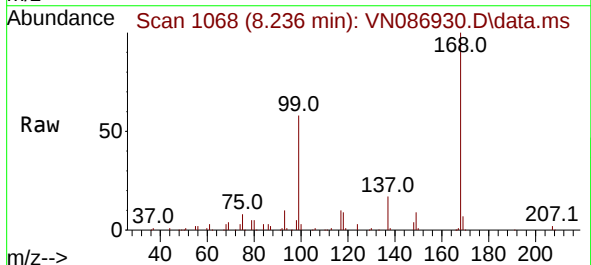
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

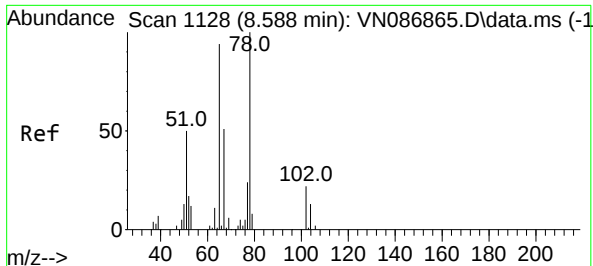
Tgt Ion: 96 Resp: 1601
 Ion Ratio Lower Upper
 96 100
 61 52.2 0.0 278.0
 98 5.0 0.0 128.2



#31
 Cyclohexane
 Concen: 0.838 ug/l
 RT: 8.236 min Scan# 1068
 Delta R.T. -0.035 min
 Lab File: VN086930.D
 Acq: 10 Jun 2025 15:43

Tgt Ion: 56 Resp: 4170
 Ion Ratio Lower Upper
 56 100
 69 183.6 25.4 38.0#
 84 147.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.138 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

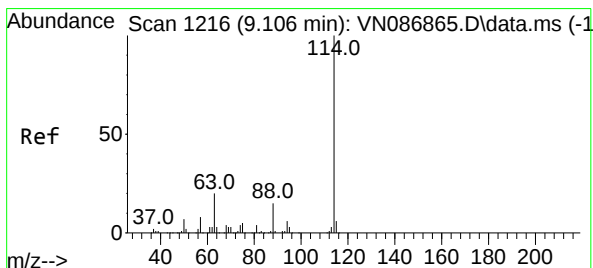
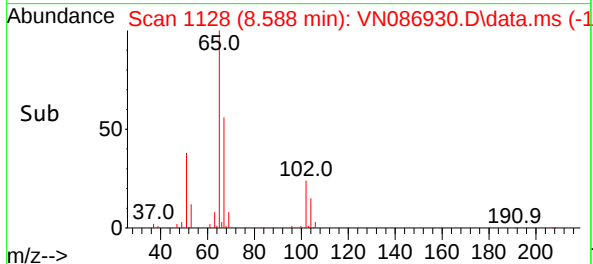
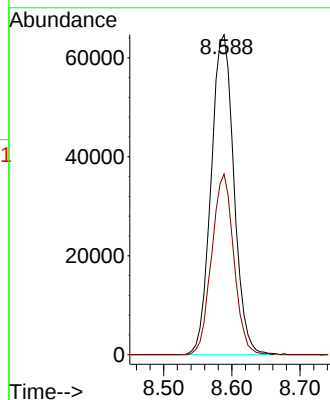
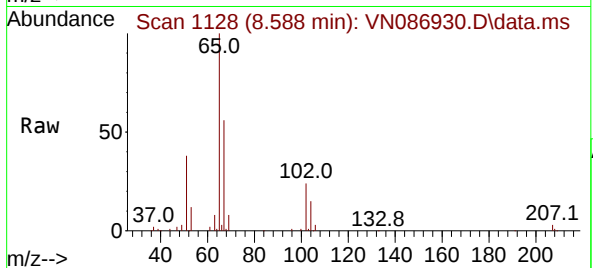
IBLK

Tgt Ion: 65 Resp: 150740

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

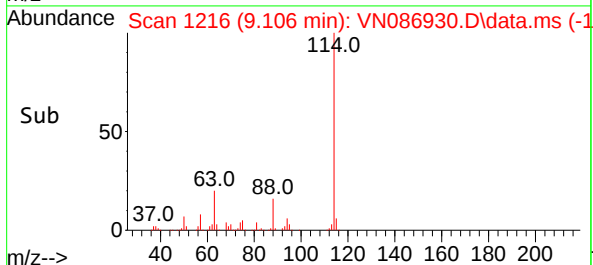
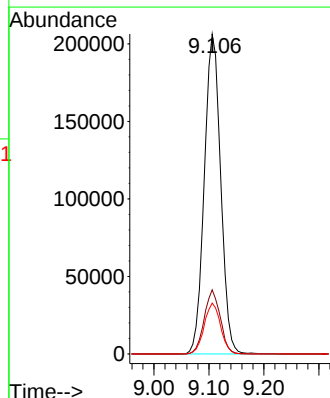
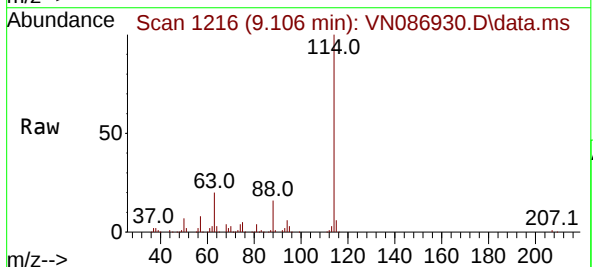
Tgt Ion: 114 Resp: 426916

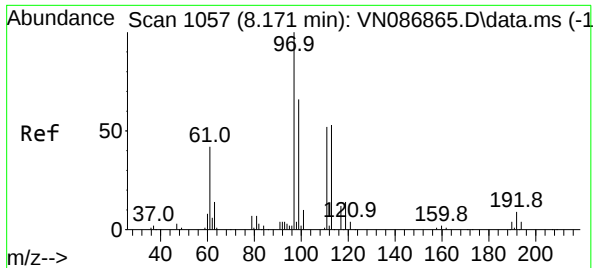
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.9 0.0 30.2

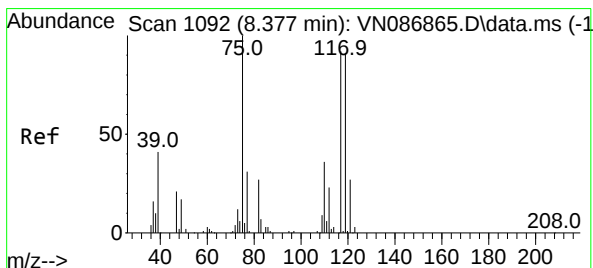
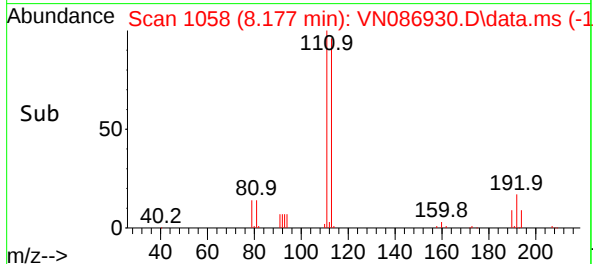
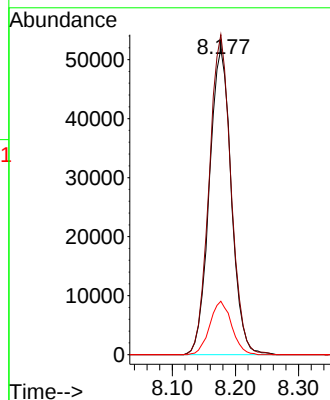
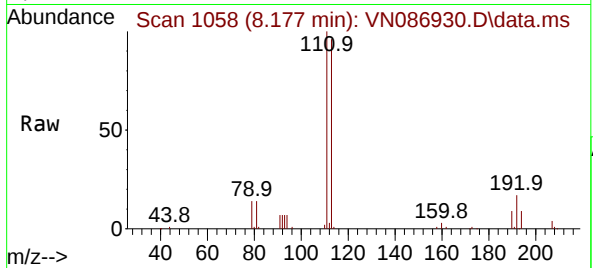




#35
Dibromofluoromethane
Concen: 49.390 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

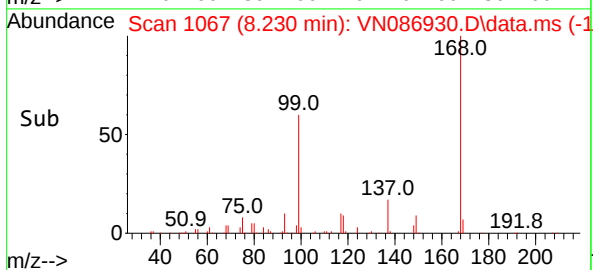
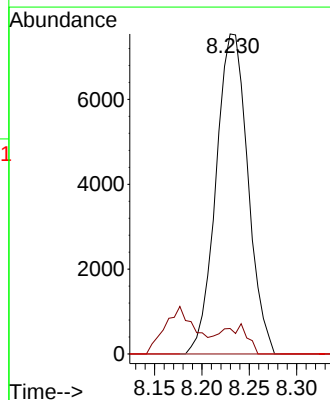
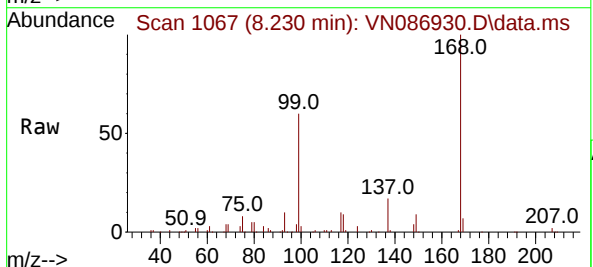
Instrument :
MSVOA_N
ClientSampleId :
IBLK

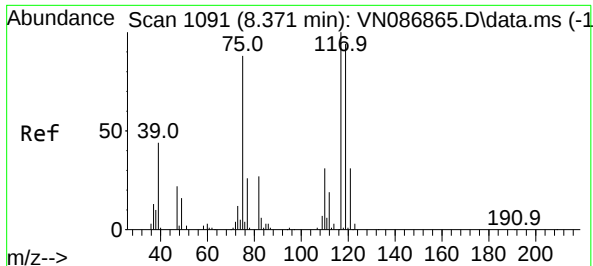
Tgt Ion:113 Resp: 124956
Ion Ratio Lower Upper
113 100
111 104.1 84.2 126.2
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion: 75 Resp: 17685
Ion Ratio Lower Upper
75 100
110 7.1 17.6 52.9#
77 0.0 25.3 37.9#

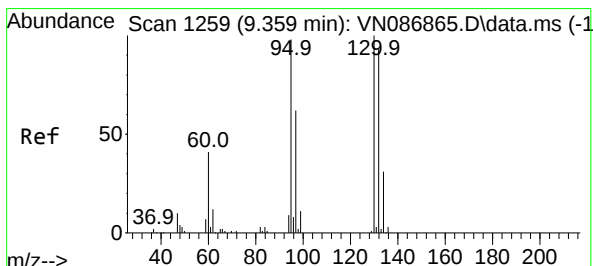
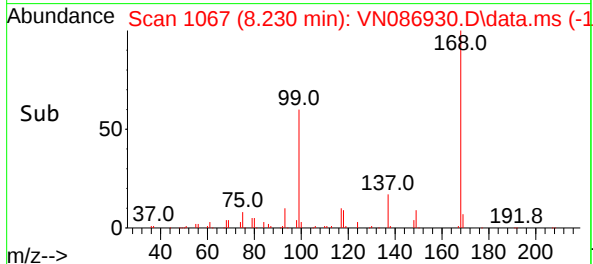
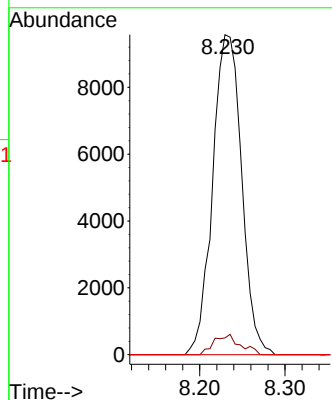
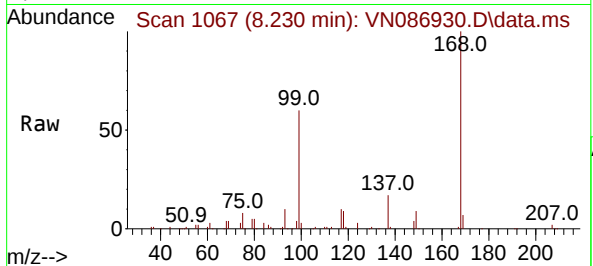




#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

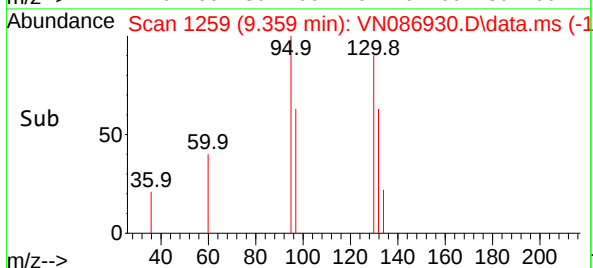
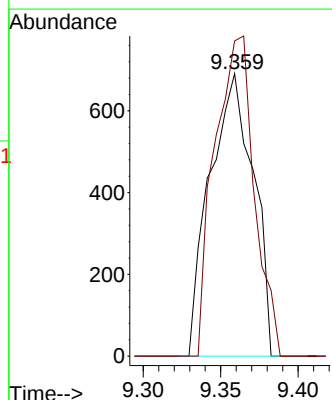
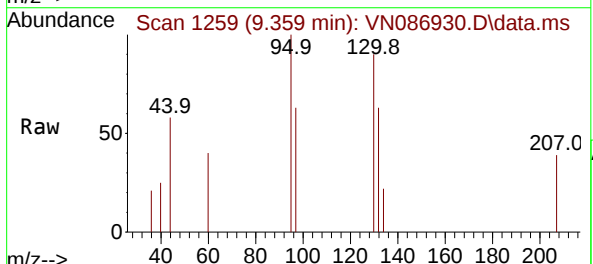
Instrument :
MSVOA_N
ClientSampleId :
IBLK

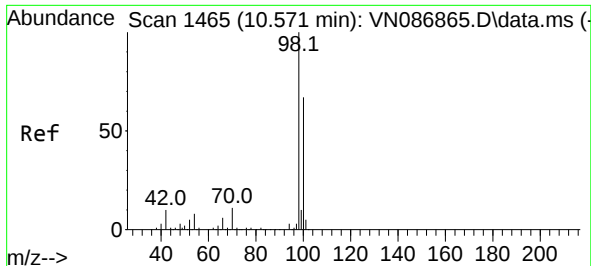
Tgt Ion:117 Resp: 22602
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.6#
121 0.0 24.9 37.3#



#44
Trichloroethene
Concen: 0.460 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion:130 Resp: 1346
Ion Ratio Lower Upper
130 100
95 111.6 0.0 196.2

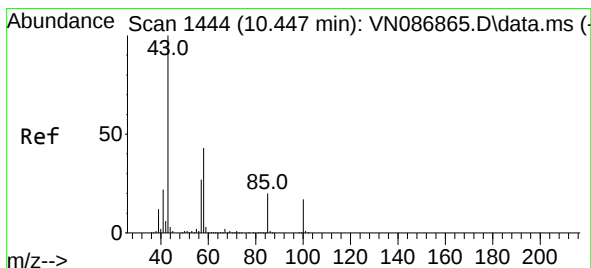
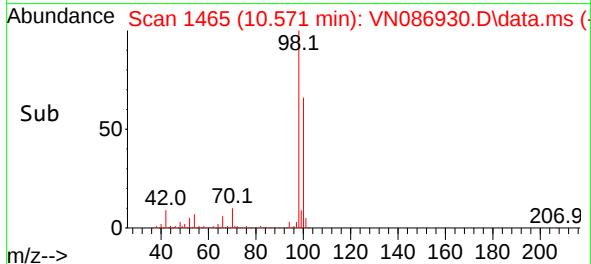
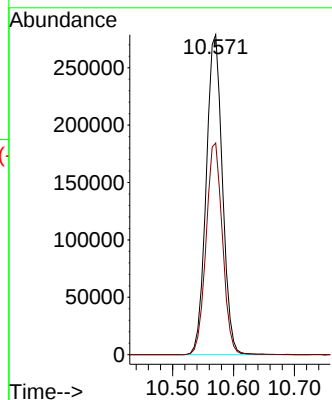
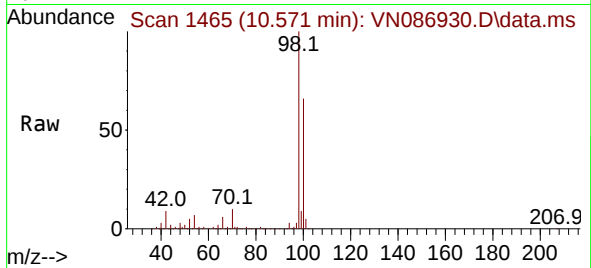




#50
Toluene-d8
Concen: 51.544 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

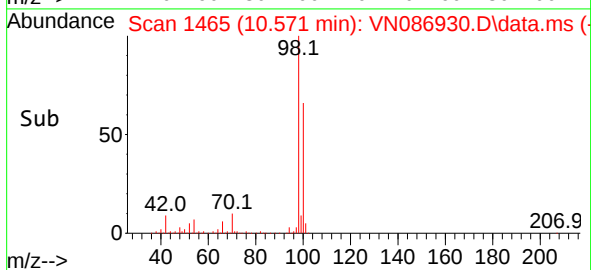
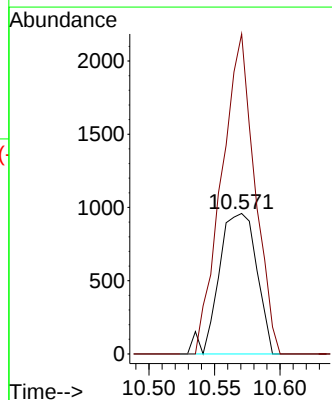
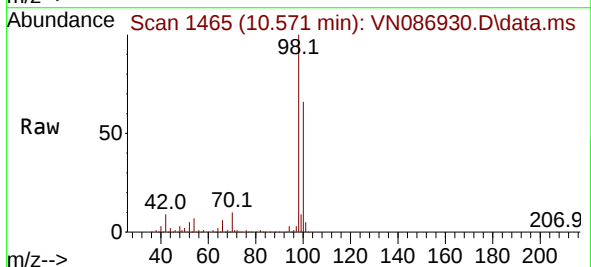
Instrument :
MSVOA_N
ClientSampleId :
IBLK

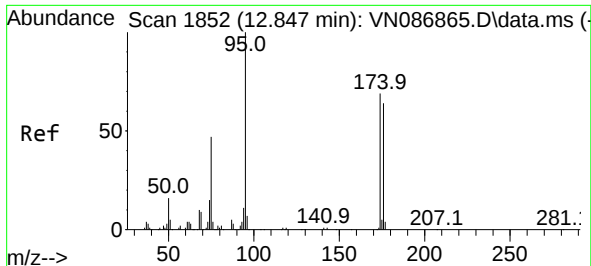
Tgt Ion: 98 Resp: 516247
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.414 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 199.8 34.2 51.4#

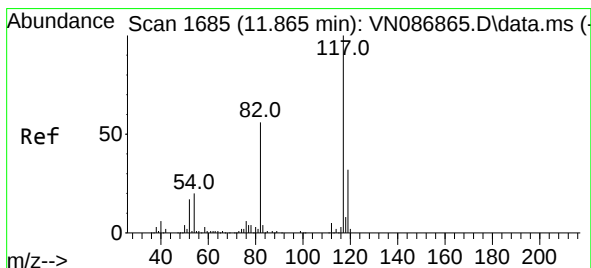
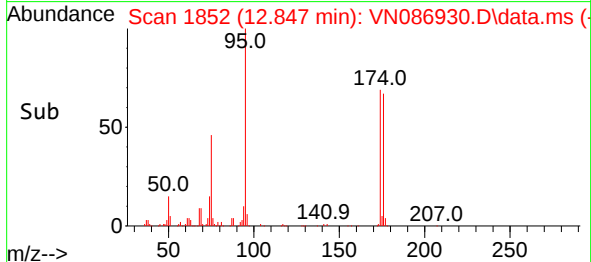
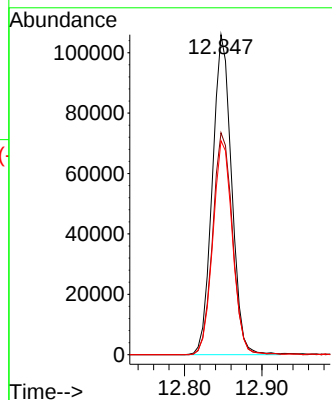
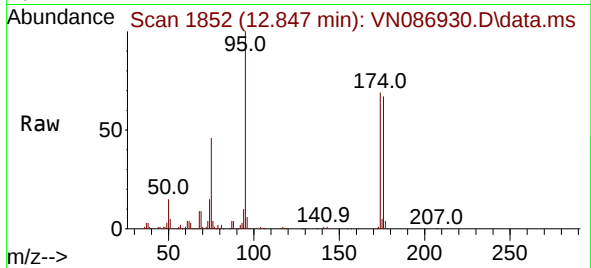




#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

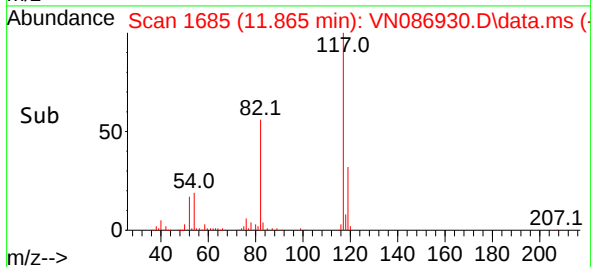
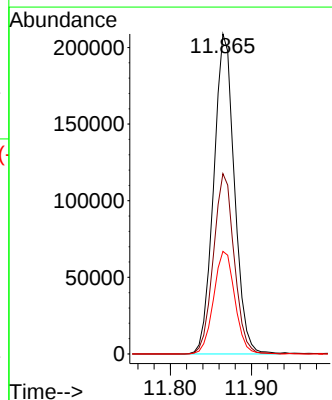
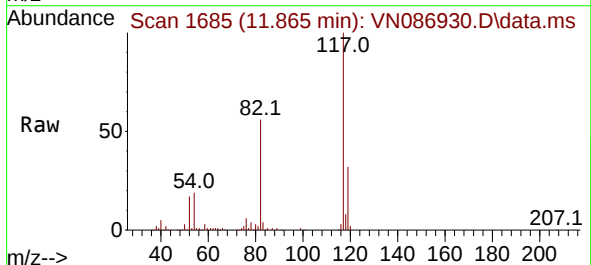
Instrument :
MSVOA_N
ClientSampleId :
IBLK

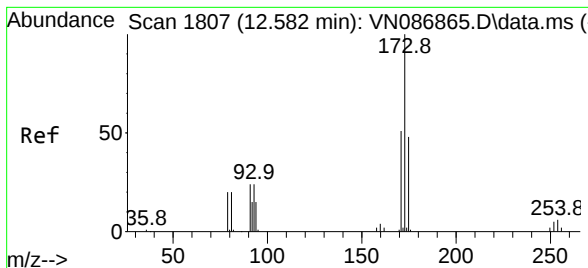
Tgt Ion: 95 Resp: 182383
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion: 117 Resp: 370227
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 32.1 25.5 38.3





#71

Bromoform

Concen: 0.441 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.270 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK

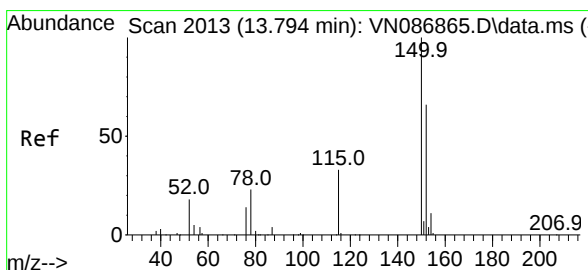
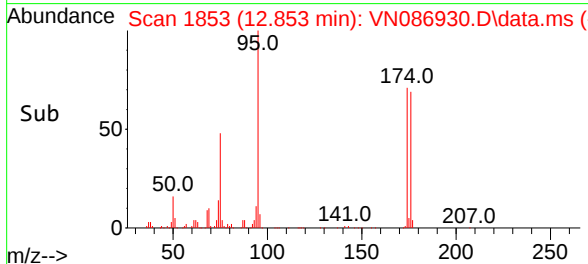
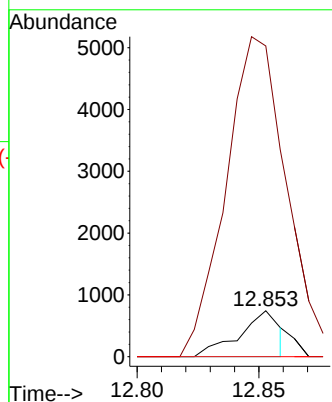
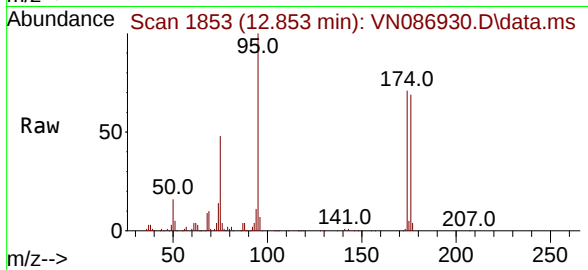
Tgt Ion:173 Resp: 857

Ion Ratio Lower Upper

173 100

175 900.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

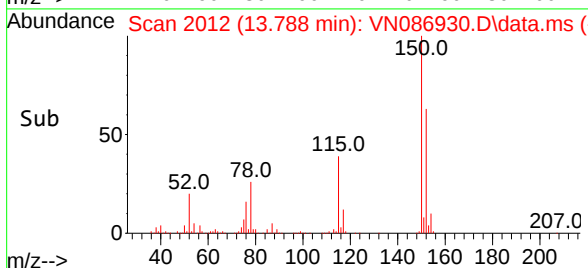
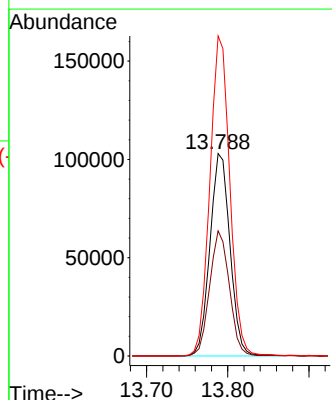
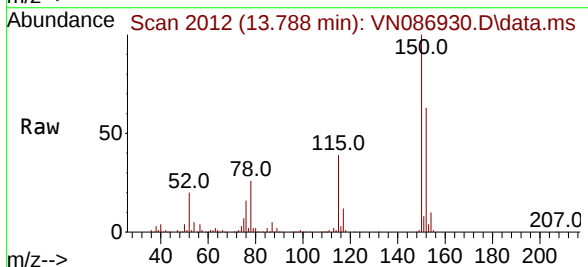
Tgt Ion:152 Resp: 177006

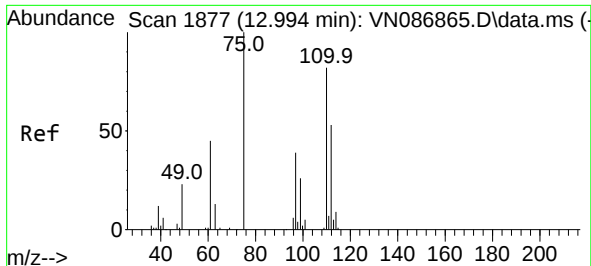
Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.5

150 157.1 0.0 345.0

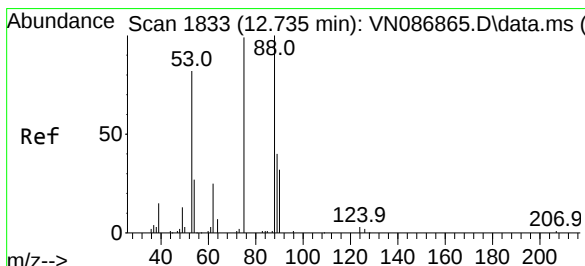
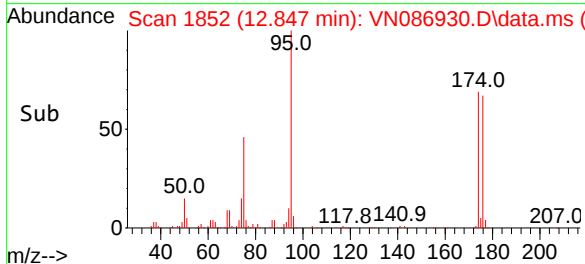
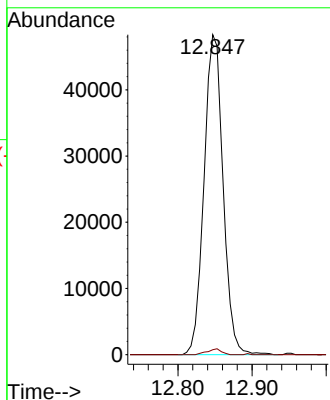
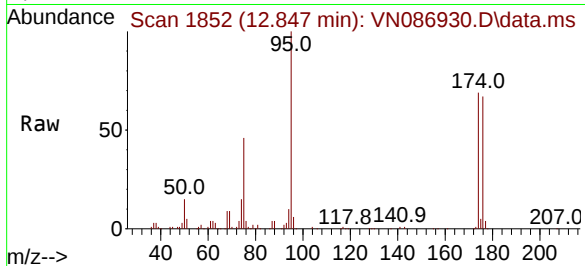




#76
1,2,3-Trichloropropane
Concen: 20.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 86249
Ion Ratio Lower Upper
75 100
77 1.4 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.187 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion: 75 Resp: 86249
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.1 36.7 55.1#

